10/561043

IAPS Rec'd PCT/PTO 16 DEC 2005

Docket No.: 4838-002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:
Antje GUPTA et al.	Confirmation No
U.S. Patent Application No	Group Art Unit:
Filed: herewith	Examiner:

OXIDOREDUCTASE FROM PICHIA CAPSULATA

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,

LOWE HAUPTMAN & BERNER, LLP

Benjamin V. Hauptman Registration No. 29,310

1700 Diagonal Road, Suite 300 Alexandria, Virginia 22314 (703) 684-1111 Facsimile: (703) 518-5499 Date: December 16, 2005

BJH/ei

Sheet 1 of 1

INFORMATION DISCLOSURE			ATTY. DOCKET NO. 4838-002		U.S. APPLICATION 43			
CITATION IN AN APPLICATION (PTO-1449)			APPLICANT	APPLICANT Antje GUPTA et al.				
			FILING DATE herewith		GROUP			
AND DE TO		U.S. PATE	NT DOCUMENTS		A gr or single	en Marie e dese.		
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE		
		FOREIGN	PATENT DOCUMENT	2000		Translation		
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Yes No		
/ IVIIVI/	93/18138	09/16/1993	wo					
/MM	/ 02/086126	10/31/2002	wo					
	or	HER ART (Including A	Author: Title, Date, Perti	inent Pages.	E(c.)	V22778		
/MM/	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Jones; "Horse Liver Alcohol Dehydrogenase An Illustrative Example Of The Potential Of Enzymes In Organic Synthesis"; Chiba, I., S. Fukui and L. B. Wingard, Jr. (Ed.). Enzyme Engineering, vol. 6. International Conference, Kashikojima, Japan, Sept. 20-25, 1981; XXII+538P. Plenum Press: New York, N.Y., USA; London England, Illus Series: Enzyme E 1982, pages 107-116; XP00039464							
/MM/	Xie et al; "NAD" Dependent (S)-Specific Secondary Alcohol Dehydrogenase Involved In Stereoinversion of 3-Pentyn-Z-ol Catalyzed by Nacordia Fusca AKU 2123"; Bioscience Biothecnology and Biochemistry, Bd., 63, Nr. 10, pages 1721-1729; October 1999; XP009033491							
/MM/	Schütte et al; "Purification and Characterization Of A Nicotinamide Adenine Dinucleotide-dependent Secondary Alcohol Dehydrogenase From Candida Boidinii"; Biochemica et Biophysica Acto. June 16, 1982, Bd. 716, Nr. 3, pages 293-207; XP001203741							
/MM/	Cannino et al; "The Alcohol Dehydrogenase Gene: Distribution Among Sulfolobales and Regulation in Sulfolobus Salfataricus"; FEMS Microbiology Letters, Bd. 170, Nr. 1, pages 31-39; January 1, 1999; XP02304730							
/MN	Bayer et al; "Pur Reductase From XP009039585	Clostridium Tyrobutyric	ization of The NADH-de um"; Archive of Microb	iology, Bd.)-specific 3-oxo 163, Nr. 4, pag	butyryl-CoA es 310-312; 1995;		
EXAMINER		/Mohammad Me	ah/ DATE CONSIDER	ED	02/	23/2008		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.